

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Examiner : John M. Cooney  
Art Unit : 1796  
Applicants : Thomas M. Kurth et al.  
Appln. No. : 09/944,212  
Filing Date : August 31, 2001  
Confirmation No. : 2406  
For : **TRANSESTERIFIED POLYOL HAVING SELECTABLE  
AND INCREASED FUNCTIONALITY AND URETHANE  
MATERIAL PRODUCTS FORMED USING THE  
POLYOL**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Dear Sir:

TENTH SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(c)

Pursuant to 37 C.F.R. §§1.56 and 1.97(c), Applicants bring to the attention of the Examiner the documents listed on the attached Form PTO-1449. This Information Disclosure Statement is being filed after the events recited in §1.97(b) but to the undersigned's knowledge, before the mailing date of either a Final Action or a Notice of Allowance. Under the provisions of 37 C.F.R. §1.97(c), this Information Disclosure Statement is accompanied by a certification as specified by §1.97(e).

To the knowledge of the undersigned, no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, after making a reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing date of this Information Disclosure Statement.

Copies of the Japanese patent abstracts and non-patent literature are attached. Applicants respectfully request that the Examiner consider the listed documents and evidence that consideration by making appropriate notations on the attached form.

According to the English language abstract of JP 7304842 Applicants believe that the application discloses a resin composition solving problems on the aspects of work

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environments, environmental pollutions, performance, etc., excellent in dryability, substantially not causing the lifting of the applied composition, and useful for coatings, etc., by using a specific isocyanurate ring-containing polyisocyanate. According to the abstract, this composition comprises (D) a non-polar organic solvent and an isocyanurate ring-containing polyisocyanate obtained by reacting (i) an isocyanurate type polyisocyanate derived from (A) a 6-15C non-yellowing type organic diisocyanate with (ii) a polyol in which (C) an aliphatic acid is combined to (B) a polyhydric alcohol through ester bonds as essential components.; The component A is preferably a 6-15C cycloalkylene diisocyanate or isophorone diisocyanate, and the compound B is preferably a monoglyceride obtained by condensing a  $\geq 12$ C long chain fatty acid with glycerol, especially the monoglyceride of stearic acid or oleic acid.

According to the English language abstract of JP61000215, Applicants believe that the application discloses obtaining the titled urethane foam low in hygroscopicity and water absorptivity and excellent in heat resistance and low-temperature resistance, by using a polyol containing a specified ester of a higher fatty acid with a polyalcohol and a polyisocyanate as principal materials. According to the abstract, in the production of an open-cellular urethane foam by using a polyol and a polyisocyanate as principal materials, said polyol component contains at least 5 wt%, based on the total polyol component, ester having at least one OH group, prepared by reacting a polyalcohol with an 8C or higher (un)saturated fatty acid (a product obtained by esterification of glycerin and soybean oil). According to the abstract, it is possible to obtain an open-cellular rigid urethane foam low in hygroscopicity and water absorptivity and excellent in heat resistance and low-temperature resistance.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If it should be determined that any of the listed documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the

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patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 16-2463.

Respectfully submitted,

THOMAS M. KURTH et al.

By: PRICE, HENEVELD, COOPER,  
DEWITT & LITTON

11/3/2009  
Date



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